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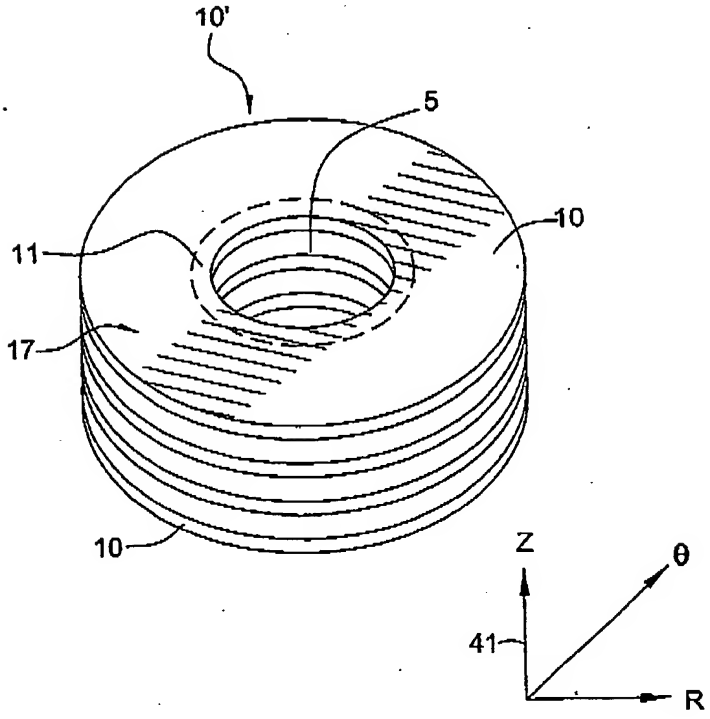

FIG. 1
(KNOWN)

HEREWITH
APPLICANT: SEAGATE TECHNOLOGY LLC
TITLE: HIGH THROUGHPUT MISSING PATTERN DETECTOR FOR SERVO PRINTED RECORDING MEDIA
INVENTOR: SHIH-FU LEE, DAVID KUO, JASON PRESSEKY
EXPRESS MAIL NO.: EV 335470524 US

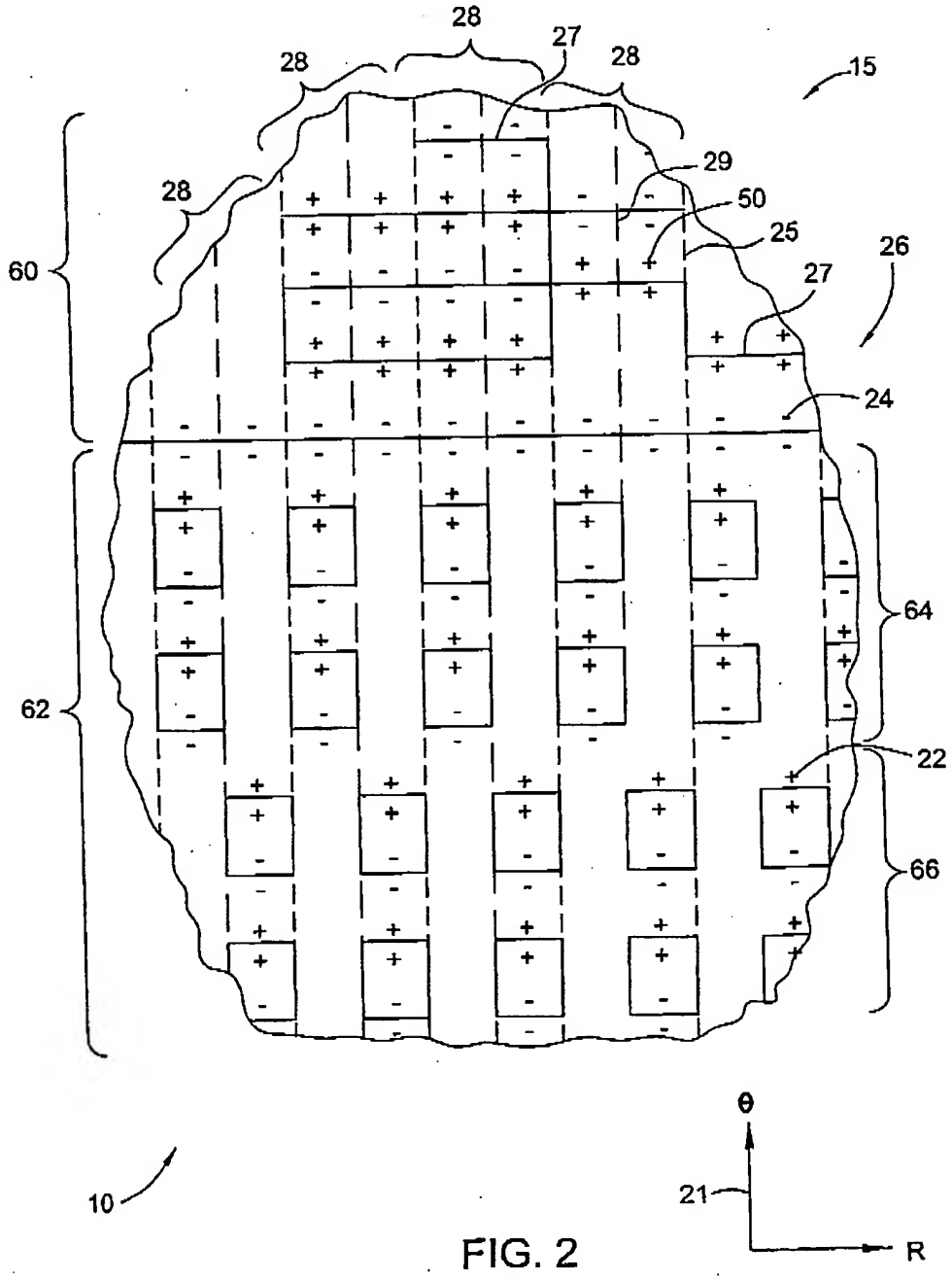

FIG. 2

ED: HEREWITH
PLICANT: SEAGATE TECHNOLOGY LLC
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INVENTOR: SHIH-FU LEE, DAVID KUO, JASON PRESSEKY
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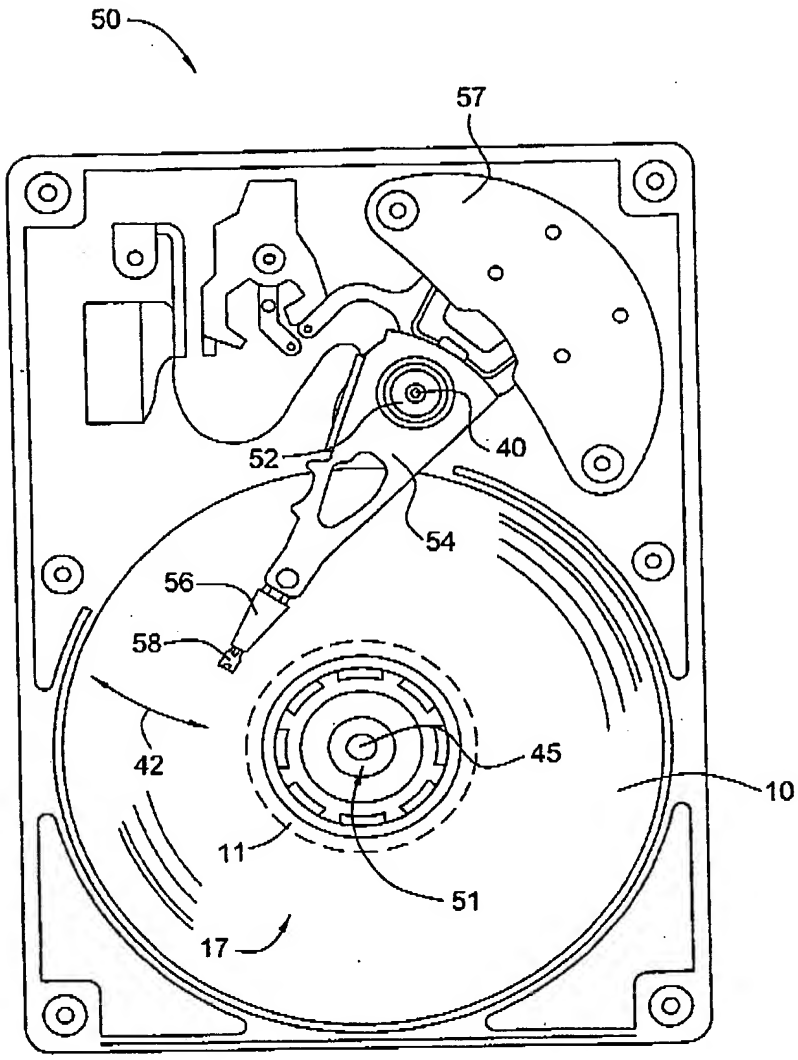

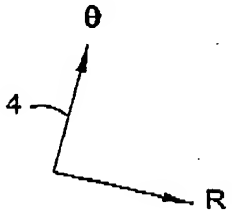

FIG. 3

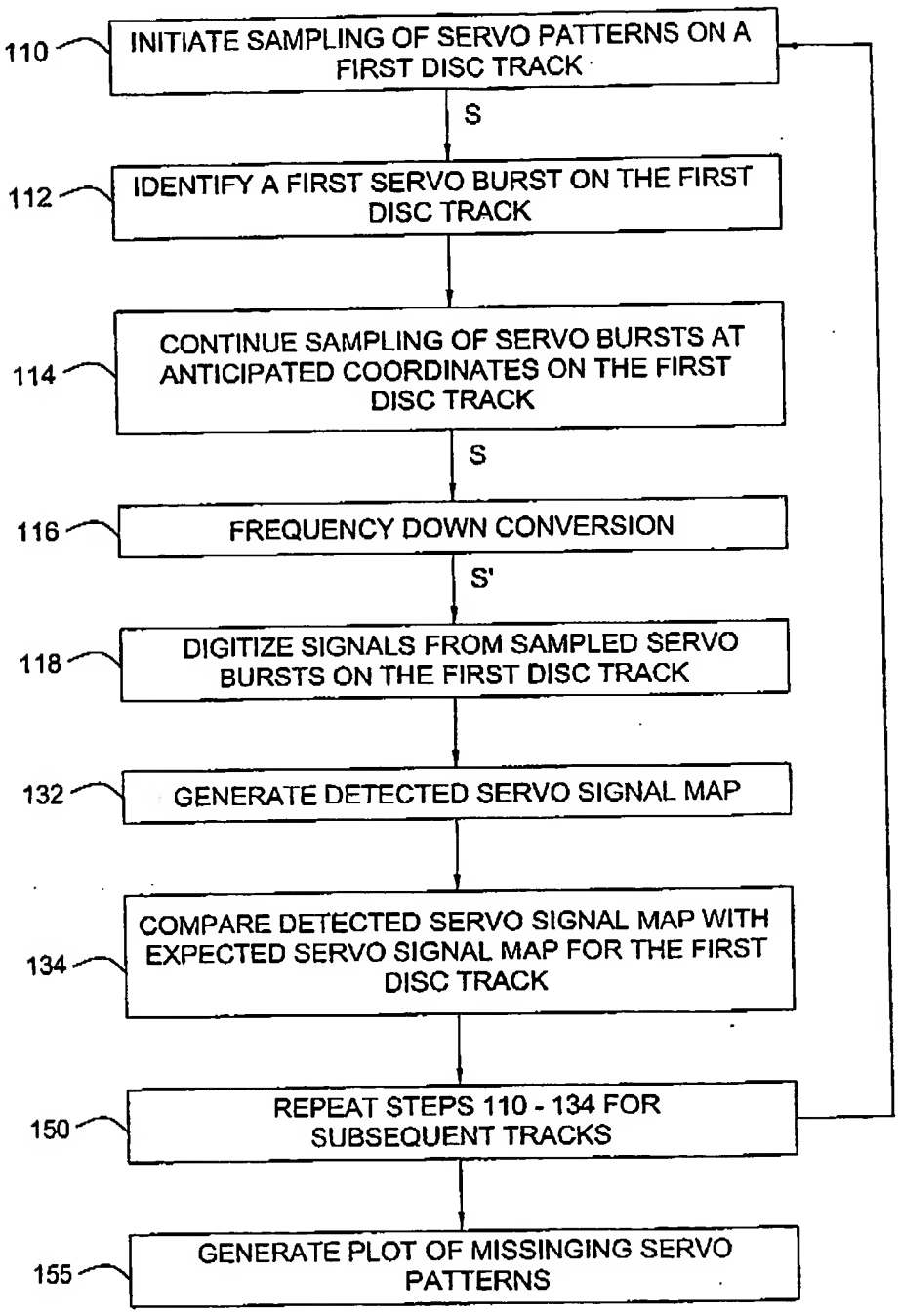
100
110
INITIATE SAMPLING OF SERVO PATTERNS ON A FIRST DISC TRACK
S
112
IDENTIFY A FIRST SERVO BURST ON THE FIRST DISC TRACK
114
CONTINUE SAMPLING OF SERVO BURSTS AT ANTICIPATED COORDINATES ON THE FIRST DISC TRACK
S
116
FREQUENCY DOWN CONVERSION
S'
118
DIGITIZE SIGNALS FROM SAMPLED SERVO BURSTS ON THE FIRST DISC TRACK
132
GENERATE DETECTED SERVO SIGNAL MAP
134
COMPARE DETECTED SERVO SIGNAL MAP WITH EXPECTED SERVO SIGNAL MAP FOR THE FIRST DISC TRACK
150
REPEAT STEPS 110 - 134 FOR SUBSEQUENT TRACKS
155
GENERATE PLOT OF MISSINGING SERVO PATTERNS

FIG. 4

SERIAL NO.: TO BE ASSIGNED HEREWITH
APPLICANT: SEAGATE TECHNOLOGY LLC
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PAGE 5 of 8

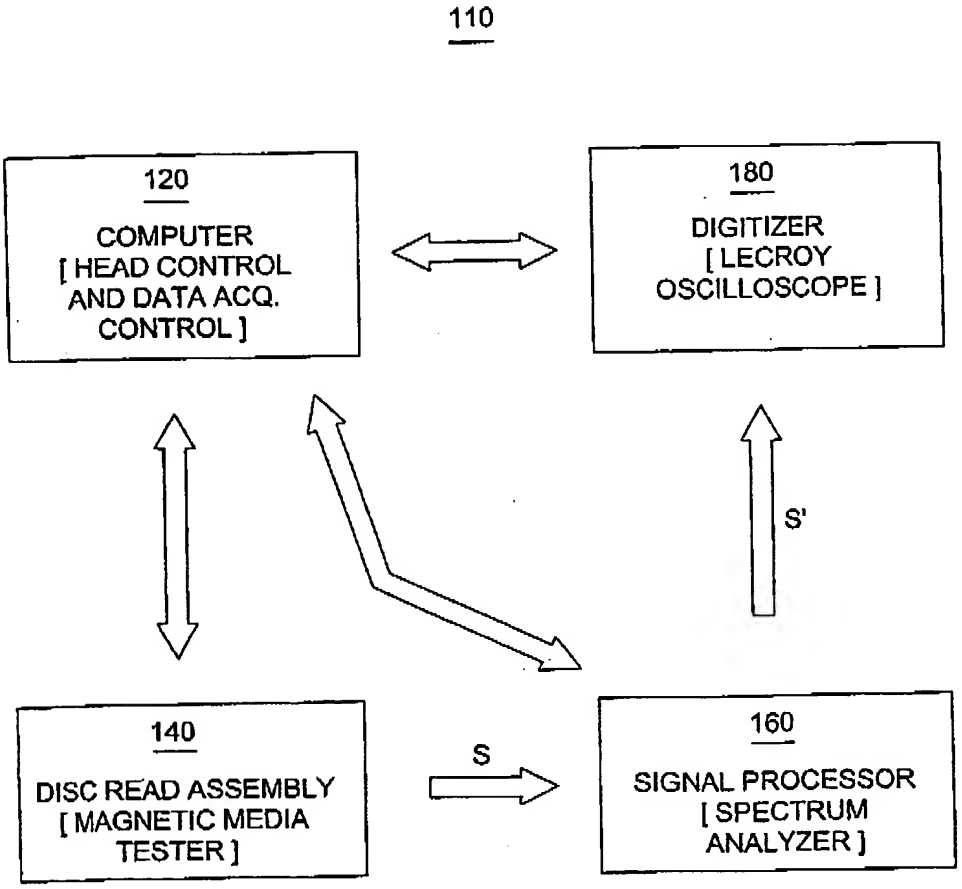

FIG. 5

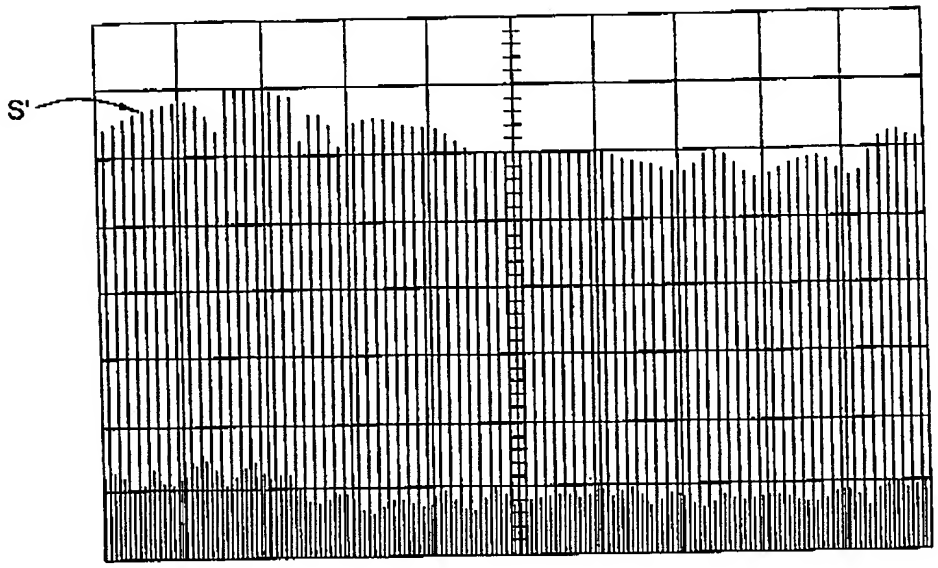

FIG. 6A

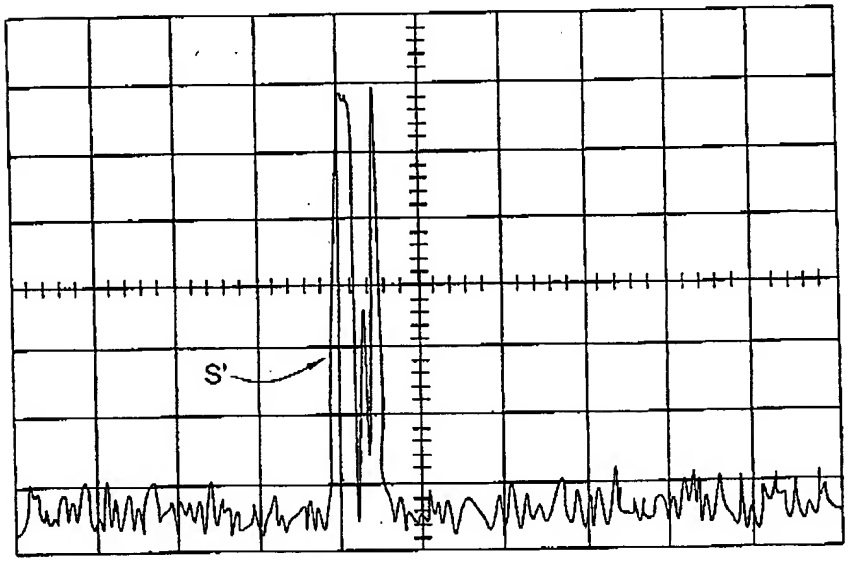

FIG. 6B

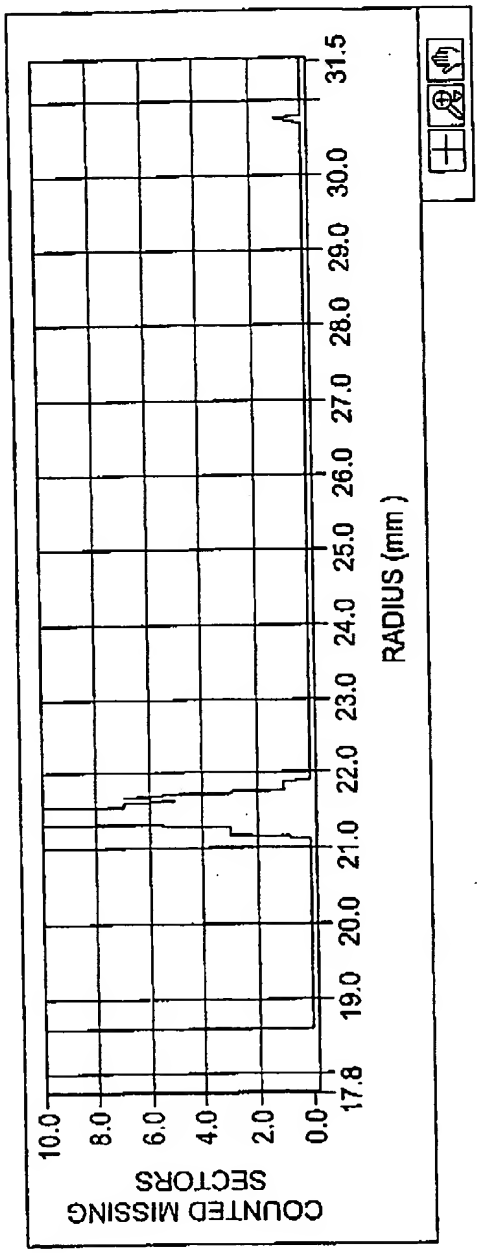
COUNTED MISSING SECTORS
10.0
8.0
6.0
4.0
2.0
0.0
RADIUS (mm)
17.8
19.0
20.0
21.0
22.0
23.0
24.0
25.0
26.0
27.0
28.0
29.0
30.0
31.5

FIG. 7

FILED: HEREWITH
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INVENTOR: SHIH-FU LEE, DAVID KUO, JASON PRESSEKY
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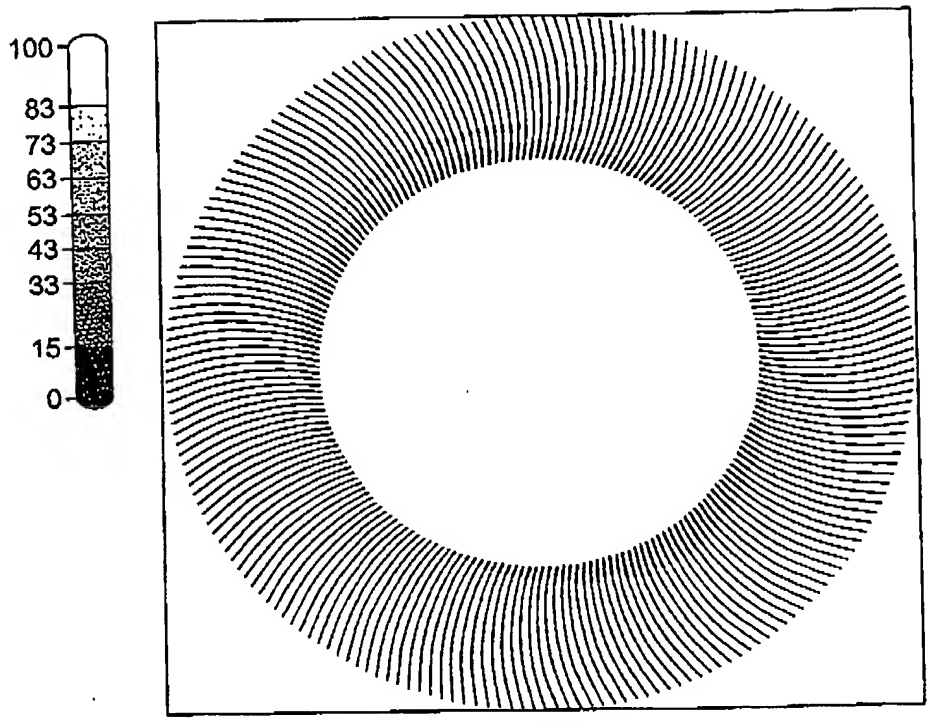

FIG. 8